

11 February 1965

Dear John:

Subject: FY-65 Quarterly Report No. 2 -

25X1

In accordance with the provisions of Part 3, "Reports" of Exhibit "A" to the subject contract, we are enclosing five (5) copies (classified SECRET) of the subject report.

RRW:eb
In Duplicate
Enclosure (1)
(Copies 1 thru 5)

Dick
Dick

cc: JP w/enc. (Copy 7)
RD w/enc. (Copy 6)

Declass Review by
NGA.

copy no To

- 1 Admin monitor*
- 2 SS/LB*
- 3 contract file DB/P&DS*
- 4 Broken and distributed to monitors*
- 5 spare*

25X1

SECRET

FY-65

QUARTERLY REPORT

No. 2

[Redacted]

30 November 1964

Prepared by

[Redacted]

25X1

APPROVED BY

[Redacted]

Copy 3 of 25

SECRET

SECRET

PROGRAM OBJECTIVE

To investigate, through studies, tests and the fabrication and use of engineering breadboard equipment, new methods or devices which will further the state of the art in photographic techniques and practices as it pertains to improved extraction of collected intelligence information from photographic materials.

SECRET

TABLE OF CONTENTS

Section	Page
I. Report	
A. Summary	1
B. Discussion	2
II. PAR Progress (Note: Only Approved PARs Reported)	
A. PAR 202, Briefing Print Enlarger	5
B. PAR 203, Rapid Access Printer	11
C. PAR 206, Reversal Processing of High-Resolution Films Study	13
D. PAR 207, Definitive Study of Contact Printers	26
E. PAR 211, Microdensitometer Study of Effects of Processing	28
F. PAR 212, Color Acquisition System Review Study	30
G. PAR 213, Color Reproduction Systems Review	32
H. PAR 214, Roller Transport Reversal Processor (12-Inch)	35
I. PAR 215, Roller Transport Processor (24-Inch)	39
J. PAR 216, Exposure of Photographic Material with Lasers	43
K. PAR 217, Optimization of Lasers	49
L. PAR 222, Stereo Registration System	54
M. PAR 224, 3 - 15X Fluid Gate Enlarger	55
N. PAR 225, Microdensitometer Training Program	60

TABLE OF CONTENTS

	Page
III. Fiscal Summary	
A. PARs 201 through 220	61
B. PARs 221 through 226	62

SECTION I

REPORT

SUMMARY

Detailed reports, covering progress on all active PARs, are included in this report and are listed in the table of contents.

Delivery of briefing aids has been delayed due to change of procedures outlined in Contractor Report (MISC-56, 24 Nov 64) of Progress Review Meeting. Preparation of sketches, for submission to customer for approval prior to start of final art work, will be started early in the next quarter.

~~SECRET~~

DISCUSSION

3. PAR Status: A complete index listing of PARs, titles (condensed in some cases) and status is included for quick reference:

<u>PAR</u>	<u>Title</u>	<u>Status</u>
201	Travel and Liaison	Active
202	Briefing Print Enlarger	Active
203	Rapid Access Printer	Active
204	Contact Chip Printer	Terminated - Report Due
205	Precision 4X Enlarger	Terminated - Report Due
206	Reversal Processing Study	Active
207	Contact Printer Study	Active
208	Non-Elec. Image Enhancement	Cancelled
209	Phosphor Viewer	Cancelled
210	Laminated Slides	Complete 4 Sept 64
211	Edge Effect Study	Active
212	Color Acq. Study	Active
213	Color Dupe Study	Active
214	RT-12-R	Active
215	RT-24	Active
216	Lasers w/Photo Material	Active
217	Optimization of Lasers	Active
218	Autofocus Systems	Not Submitted
219	Opt. vs Contact Ptg. 1:1	Not Submitted
220	Static Elec. Hold-Down	Disapproved by Customer
221	Lens Bench Manual	Not Submitted
222	Stereo Image Regis.	Completed Except for Report
223*	Monochr. Lens System	Awaiting Customer Action
224	3X - 15X F. G. Enlarger	Active
225	Micro-D Training Program	Awaiting Customer Action

* PARs marked * were accomplished after 30 November 64, but are included to reflect latest status.

~~SECRET~~

SECRET

PAR	Title	Status
226	Edge Trace Meas., Micro-D	Complete
227**	Color Viewer	Preparation Delayed
228	Vectograph Study	Contractor Preparing
229	Optical Design Film Viewer	Contractor Preparing
230	10X Color Lens	Contractor Preparing
231*	10-20-40X Color Lamphouse	Awaiting Customer Action
232*	Automated Edge Trace Device	Awaiting Customer Action
233*	Zoom Proj. Lens - 6X to 60X	Awaiting Customer Action
234	MTF Exposure Device	Contractor Preparing
235	Automation Program Study	Contractor Preparing
236	Film Disposal Rewind Unit	Contractor Preparing

* PARs marked * were accomplished after 30 November 64, but are included to reflect latest status.

** PAR 227 preparation and submission to customer is being held up pending completion of PAR 213, Color Dupe Study.

SECRET

SECRET

4. Active PAR summary progress discussions are included in Section II (PAR Progress).

5. Briefing Boards: The following instructions in regard to Briefing Boards were presented by the customer at the 16 - 20 November Contract Progress Review Meeting:

25X1

- a. A revised set of Briefing Board Specifications.
- b. Briefing Board titling instructions.
- c. Sketches of proposed Briefing Board Designs are to be forwarded to the customer for approval prior to start of art work.

6. Art work effort on Briefing Boards has stopped and the preparation of Proposed Briefing Board Design Sketches has been started. It is anticipated that all proposed sketches of active PARs will be presented to the customer in the next quarter.

7. During the 16 - 20 November 1964 Progress Review Meeting, individual reviews of active PARs were accomplished and are reported in contractor's report, Misc - 56, 24 Nov 64.

8. Fiscal: Because of the late submission of this report, the Fiscal Summaries reflect expenditures through 29 November 1964.

SECRET

SECTION III

FISCAL SUMMARY

Next 1 Page(s) In Document Exempt